

## ABSTRACT

The glass fiber of the present invention is formed of the glass composition including 50 to 60%  $\text{SiO}_2$ , 0.1 to 10%  $\text{Al}_2\text{O}_3$ , 20 to 45%  $\text{MgO}+\text{CaO}+\text{SrO}+\text{BaO}$ , 0.5 to 20%  $\text{TiO}_2$ , 0.1 to 10%  $\text{ZrO}_2$ , and 0 to 2%  $\text{Li}_2\text{O}+\text{Na}_2\text{O}+\text{K}_2\text{O}$  in terms of mol%, in which a  $\text{BaO}/\text{CaO}$  mol ratio is from 0.3 to 1.6.